

ABSTRACT OF THE DISCLOSURE

The present invention provides compositions and methods for the treatment of tissue ischemia, and in particular, cerebral ischemia. In particular, the present invention provides gamma-, beta-, or delta-tocopherol enriched tocopherol compositions and gamma-, beta-, or delta-tocopherol metabolite enriched compositions and/or flavonoid enriched and/or a flavonoid derivative enriched compositions and methods for their use in preventing or treating a tissue ischemic condition or a cerebral ischemic condition. The present invention also provides pharmaceutical compositions comprising gamma-, beta-, or delta-tocopherol enriched tocopherol composition, a gamma-, beta-, or delta-tocopherol metabolite enriched compositions or flavonoid enriched compositions or flavonoid derivative enriched compositions.